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FIFTY-FIRST

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# ANNUAL CONVOCATION



*Northern Alberta Jubilee Auditorium*

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MAY, 1961

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## THE PRESENTATION

The Dean of the Faculty of Arts and Science asks the candidates for degrees to rise, and presents them with these words:

“Eminent Chancellor and President, on behalf of the Faculties, I present to you these scholars and ask that they be pledged and admitted to the degrees to which they are entitled.”

## THE PLEDGE

The President, then rising, addresses the candidates in these words:

“Do you promise faithfully to observe and loyally to maintain the statutes, customs, privileges and liberties of this your University? Do you pledge your honour that when you become a member of Convocation you will vote only for those whom you surely know or firmly believe to be fit and proper persons to share in the government of this University? Do you solemnly promise to conduct yourself in all things loyally and faithfully to the honour of your University, the encouragement of learning and the good of your country?”

Each candidate replies: “These things I pledge myself to do.”

## THE ADMISSION

The Chancellor then addresses the candidates in these words:

“By virtue of the authority vested in me by the Legislature of this Province, and with the consent of this University, I admit you to the degrees to which you are entitled, and invest you with all the powers, rights and privileges pertaining to such degrees, and I charge you to use them for the glory of God and honour of your country.”

Candidates then sit down.

# *University of Alberta*

## FIFTY-FIRST ANNUAL CONVOCATION

for the

## CONFERRING OF DEGREES



TWO O'CLOCK, THURSDAY AFTERNOON

MAY THE TWENTY-FIFTH

NINETEEN HUNDRED AND SIXTY-ONE

NORTHERN ALBERTA JUBILEE AUDITORIUM

EDMONTON, ALBERTA

# *Program*

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## ACADEMIC PROCESSION

### O CANADA

### THE INVOCATION

Brother Prudent, F.S.C., B.A., B.Paed., M.A.

## REPORT OF THE PRESIDENT TO CONVOCATION

## CONFERRING OF HONORARY DEGREE OF DOCTOR OF LAWS

The Honorable John Percy Page, B.A., B.C.S.

Presented by Dr. C. M. Macleod, Q.C.

Harrison Scott Brown, B.S., Ph.D.

Presented by Professor H. E. Gunning

Gerhard Herzberg, M.A., Dr. Ing., LL.D., D.Sc., F.R.S.C., F.R.S. (London)

Presented by Professor H. Grayson-Smith

The Honorable Mr. Justice Hugh John Macdonald, B.A., LL.B.

Presented by Dr. S. H. McCuaig, Q.C.

George Polya, Ph.D., D.Sc.

Presented by Professor E. S. Keeping

Wilfred Rusk Wees, M.A., M.Ed., Ph.D.

Presented by Dr. G. F. McNally

## CONVOCATION ADDRESS

Dr. W. R. Wees

## PRESENTATION OF DIPLOMAS

## CONFERRING OF DEGREES

The Presentation

The Pledge

The Admission

## GOD SAVE THE QUEEN

## RECESSION

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Music by the band of Princess Patricia Light Infantry under the direction of Captain H. A. Jeffrey, A.R.C.M., L.G.S.M., by kind permission of Lieut.-Col. C. J. A. Hamilton, M.B.E., C.D., Commanding Officer, Second Battalion, Princess Patricia's Canadian Light Infantry.

## Awards

The place mentioned after each prize winner's name is that in which his home is located.

### AWARDS TO GRADUATING STUDENTS

#### THE FACULTY OF ARTS AND SCIENCE

*The Governor General's Gold Medal*

Robert Alister MacLeod, Edmonton

*The Lieutenant Governor's Gold Medal*

Ellie Swart, Calgary

*The Faculty of Arts and Science Gold Medals*

In the B.A. program: Donna Marie Gunning, Edmonton

In the B.Sc. program: Joe Thomas Roy Clarke, Edmonton

*The Hamilton Watch Company Award*

Constance Marguerite Glow, Calgary

*The Encyclopaedia Britannica Scholarship in Arts and Science*

Douglas Gary Scraba, Lacombe

#### THE FACULTY OF AGRICULTURE

*The Alberta Institute of Agrologists Gold Medal*

Rueben Eugen Huber, Olds

*The Western Canadian Society for Horticulture Prize*

Albert de Leeuw, Edmonton

#### THE FACULTY OF COMMERCE

*The T. Eaton Company Gold Medal in Commerce*

William David Howell, Calgary

*The Hudson's Bay Company Gold Medal in Commerce*

Not awarded

*The Institute of Chartered Accountants of Alberta Prize in  
Third Year Commerce*

William David Howell, Calgary

#### THE FACULTY OF EDUCATION

*The Clarence Sansom Memorial Gold Medal in Education*

Kathleen Isabelle Kennedy, Red Deer

*The Edmonton Home Economics Association Prize*

Vera Alice Cameron, Edmonton

## THE FACULTY OF ENGINEERING

*The Henry Birks and Sons Gold Medal in Engineering*  
Alan John Rolfe, Ottawa

*The Association of Professional Engineers of Alberta Gold Medals*

In Chemical Engineering: Orville Cecil Sandall, Halkirk  
In Civil Engineering: Ernest Andrew Portfors, Hanna  
In Electrical Engineering: Alan John Rolfe, Ottawa  
In Engineering Physics: Leslie Edward Ballantine, Irma  
In Mechanical Engineering: Gordon Walter Bigg, Edmonton  
In Metallurgical Engineering: Malcolm John Bibby, Edmonton  
In Mining Engineering: Not awarded  
In Petroleum Engineering: Richard James Hamilton, Edmonton

*The Society of Chemical Industry Merit Award*  
Orville Cecil Sandall, Halkirk

*The Encyclopaedia Britannica Scholarship in Engineering*  
Robert Earl Bowser, Edmonton

*The Northern Alberta Branch of the Canadian Institute of Mining and Metallurgy Prizes*

Mining: Claudio Guarnaschelli, Calgary  
Metallurgy: Malcolm John Bibby, Edmonton  
Geology: Hung Kan William Lee, Edmonton  
Petroleum: Not awarded

*The Oilfield Technical Society Prize*  
Richard James Hamilton, Edmonton

*The Jessie E. Paull Memorial Prize*  
Helmut Keith Walker, Edmonton

*The Webb Memorial Student Paper Competition*  
First: Donovan Roy Walker, Edmonton  
Second: Arthur Barry Irvine, Edmonton  
Third: Edwin Eric Couves, Edmonton

## THE SCHOOL OF HOUSEHOLD ECONOMICS

*The Warren W. and Ida E. Prevey Memorial Gold Medal in Household Economics*  
Lora Louise Bacon, North Edmonton

*The Lorena Barfoot Prize in Household Economics*  
Violet Rosemarie Wenger, Egremont

## THE FACULTY OF LAW

*The Horace Harvey Gold Medal in Law*  
Bernard Leo Adell, Edmonton

*The George Bligh O'Connor Silver Medal in Law*  
Not awarded

*The Honorable Clinton J. Ford Shields*  
Samuel Richards Baker, Cardston  
Robert Arthur Lundrigan, Cardston

*The Raymond James Memorial Prize in Law*

Not awarded

*The National Trust Prize in Law*

Douglas Esmond Sanders, Edmonton

*The Morris and Naomi Schoctor Memorial Prize in Law*

Samuel Richards Baker, Cardston

*The Carswell Prize in the Faculty of Law*

In the third year: Douglas Esmond Sanders, Edmonton

**THE FACULTY OF PHARMACY**

*The Alberta Pharmaceutical Association Gold Medal in Pharmacy*

Rose Marianne Gebauer, Coaldale

*The Prize for Pharmaceutical Research*

Janet Emiko Russell, Edmonton

*The Canadian Pharmaceutical Association Prize*

Lorraine Darling M. Schultz, Bashaw

**THE SCHOOL OF PHYSICAL EDUCATION**

*The Alumni Gold Medal in Physical Education*

James Lea Hodgson, Hythe

**DEPARTMENTAL AWARDS**

**BIOCHEMISTRY**

*The Society of Chemical Industry Merit Award*

Not awarded

**BOTANY**

*The J. E. Olsen Prize*

Lucille Jeanette Salt, Lethbridge

**CHEMISTRY**

*The Professor Osman James Walker Memorial Scholarship*

Lorne William Hollingshead, Calgary

*The Cave and Company Ltd. Scholarship in Chemistry*

Edward Brock Robertson, Calgary

*The Society of Chemical Industry Merit Award*

Edward Brock Robertson, Calgary

*The Dr. O. J. Walker Memorial Prize*

Larry Patrick Milligan, Okotoks and Verner Henry Paetkau, Coaldale (equal)

**CLASSICS**

*The Senior Greek Prize*

Gregor Roetker, Calgary

**ENGLISH**

*The Rutherford Memorial Gold Medal in English*

Not awarded

## ENTOMOLOGY

*The Entomological Society of Alberta Prize*  
Gordon Pritchard, England

## FINE ARTS

*The Eva Shaw Memorial Prize in Music*  
Kathleen Lynne Newcombe, Edmonton

## GEOGRAPHY

*The Canadian Association of Geographers' Book Prize*  
Robert Francis Windsor, Edmonton

## GEOLOGY

*The Association of Professional Engineers of Alberta Gold Medal in Geology*  
Donald Allan Scott, Edmonton

*The Alberta Society of Petroleum Geologists' Prize in Stratigraphy*  
Glen Edward Steen, Edmonton

*The George E. Cole Memorial Prize in Economic Geology*  
Jay Gordon Scott, Vulcan

## HISTORY

*The Gordon Stanley Fife Memorial Prize*  
Ian Kenneth Steele, Edmonton

*The John Henry Stanley Memorial Prize*  
Audrey Margaret McBrien, Stettler

*The Trenholme Dickson and Letitia S. Dickson Prize*  
Elaine L. Staniland, Edmonton

## MATHEMATICS

*The A. Wyman Memorial Gold Medal in Mathematics*  
Robert Alister MacLeod, Edmonton

*The Cyril G. Wates Memorial Prize*  
Tom Emil Chmilar, Newbrook

## MODERN LANGUAGES

*The Bronze Medal in French*  
Michel Kalinowsky, Edmonton

## PHILOSOPHY AND SOCIOLOGY

*The MacEachran Gold Medal in Philosophy*  
Not awarded

*The Samuel M. Strong Gold Medal and Prize in Sociology*  
Not awarded

## PHYSICS

*The Sam Fefferman Memorial Gold Medal in Honors Physics*  
Cary Nathan Davids, Ralston

## POLITICAL ECONOMY

*The Duncan Alexander MacGibbon Gold Medal in Political Economy*  
Not awarded

## PSYCHOLOGY

*The MacEachran Gold Medal in Psychology*  
Gordon Neville Hobson, Edmonton

## FIRST CLASS STANDING AND HONOR PRIZES

In the following list of students those whose names are marked with an asterisk (\*) have qualified for University of Alberta Honor Prizes. Those whose names are not so marked have qualified for the University of Alberta First Class Standing Prizes.

### *Faculty of Arts and Science*

#### *Honor Courses*

##### *Fourth Year:*

Charles B. Crawford, High Prairie  
\*Cary N. Davids, Ralston  
C. Marguerite Glow, Calgary  
Gordon N. Hobson, Edmonton  
Duncan H. Hunter, Edmonton  
\*Robert A. MacLeod, Edmonton  
Bruce W. Maxfield, Edmonton  
William A. Murray, Edmonton  
\*Lawrence A. Mysak, Edmonton  
\*W. Keith Nicholson, Vegreville

John Polowek, Edmonton  
E. Brock Robertson, Calgary  
Gregor Roetker, Calgary  
Donald A. Scott, Edmonton  
Ian K. Steele, Edmonton  
Glen E. Steen, Edmonton  
Johann Steiner, Banff  
\*Ellie Swart, Calgary  
James V. Zidek, Forest Lawn

#### *General Courses*

##### *Third Year:*

Joanne E. V. Angus-Smith, Calgary  
Joe T. R. Clarke, Edmonton  
Karen E. Grove, Edmonton

Donna M. Gunning, Edmonton  
Larry P. Milligan, Okotoks

#### *Diploma in Art*

##### *Fourth Year:*

None

#### *Bachelor of Music*

##### *Third Year:*

Wolfgang H. O. Bottenberg, Calgary

K. Lynne Newcombe, Edmonton

#### *Faculty of Agriculture*

##### *Fourth Year:*

Albert de Leeuw, Edmonton  
\*Rueben E. Huber, Olds  
\*Alexander F. McCalla, Edmonton

Allan A. Warrack, Langdon  
John W. Yorgason, Claresholm

#### *Faculty of Commerce*

##### *Third Year:*

None

#### *Faculty of Education*

##### *Fourth Year:*

\*Shawne Allen, Calgary  
\*Anne H. de Leeuw, Edmonton  
Kathleen I. Kennedy, Red Deer

John C. MacDonnell, Cochrane  
Donald I. Torstensen, Millet

#### *Faculty of Engineering*

##### *Fourth Year:*

\*Leslie E. Ballantine, Irma  
Malcolm J. Bibby, Edmonton  
Gordon W. Bigg, Edmonton  
Mike Boyko, Edmonton

Denis A. Davis, Calgary  
Peter Dernick, Edmonton  
Gordon C. Domeier, Lethbridge  
Wallace B. Foss, Lethbridge

Ralph C. G. Haas, Edmonton  
Richard J. Hamilton, Edmonton  
Ray J. Hannley, Edmonton  
\*Ronald H. Johnston, Drumheller  
Glenson T. Jones, Edmonton  
\*De Mitro Mykitiuk, Edmonton  
Donald H. A. Pirot, Edmonton

\*Ernest A. Portfors, Hanna  
\*Alan J. Rolfe, Ottawa  
\*Orville C. Sandall, Halkirk  
Frank Stenger, Warburg  
William P. Truch, Coleman  
Helmut K. Walker, Edmonton

### *School of Household Economics*

Third Year:  
None

### *Faculty of Law*

Third Year:  
None

### *School of Nursing*

Fifth Year:  
Marilyn I. Assheton-Smith, Ferintosh  
Helena M. Fitzgerald, Edmonton

Jacqueline A. Maxwell, Calgary

*Diploma in Teaching and Supervision:*  
None

*Diploma in Public Health:*  
None

### *Faculty of Pharmacy*

Third Year:  
Rose M. Gebauer, Coaldale  
Janet E. Russell, Edmonton

Lorraine D. M. Schultz, Bashaw  
Barbara A. Short, Edmonton

### *School of Physical Education*

Third Year:  
None

### **EXTRA-CURRICULAR AWARDS**

*The Maimie Shaw Simpson Trophy*  
Betty J. Robertson, Edmonton

*The Joseph Dolson Oliver Mothersill Memorial Scholarship*  
Alexander F. McCalla, Edmonton

*The Florence E. Dodd Prize*  
Lorraine M. Smallwood, Irma

### **GRADUATE AWARDS**

The following awards are open in two or more Fields of Study:

*University of Alberta Graduate Fellowship*  
Yves F. Zoltvany, Montreal (History)

*Province of Alberta Graduate Fellowships*

Ernest W. Gorecki, Edmonton (Chemistry) John L. Weiner, Illinois (Geology)  
Thomas B. Greenfield, Vancouver  
(Ed. Admin.)

*Province of Alberta Graduate Scholarships*

Donald G. Bellow, Edmonton (Mech. Engr.)	Gordon N. Hobson, Edmonton (Psych.)
Samuel Braverman, Israel (Chemistry)	J. Barry Jones, Edmonton (Pol. Sc.)
Richard H. Enns, Edmonton (Physics)	Erwin Miklos, Edmonton (Ed. Admin.)
John W. Griedanus, Edmonton (Chemistry)	Earl R. V. Milton, Edmonton (Chemistry)
Clarence M. Grieve, Manitoba (An. Sc.)	Lloyd W. West, Edmonton (Ed. Psych.)

*The Francis F. Reeve Foundation Graduate Bursaries*

John E. H. Conder, Calgary (Economics)  
Robert W. Jenkins, Vancouver (Physics)

George W. Poling, Edmonton (Metallurgy)

*The Francis F. Reeve Foundation Intersession Bursaries*

A. James Black, Edmonton (English)  
Howard J. Luke, Edmonton (English)  
David R. Olson, Edmonton (Ed. Psych.)  
Michael E. J. Orme, Edmonton (Ed. Psych.)  
Peter D. Seary, Newfoundland (English)

Michael Skuba, Smoky Lake (Ed. Admin.)  
Adriana N. Slaniceanu, Edmonton (Modern  
Languages)  
Carl M. Wallace, Edmonton (History)  
Bruce W. Wilkinson, Edmonton (Economics)

*Friends of the University Intersession Scholarships*

R. Wayne Lalor, Innisfail (Phys. Ed.)  
Jean A. Young, Edmonton (Elem. Ed.)

*University of Alberta Alumni Association Intersession Bursary*

Derril C. Butler, Edmonton (English)

*The C.I.L. Fellowship*

E. Brock Robertson, Calgary (Chemistry)

*The Shell Oil Fellowship*

Orville C. Sandall, Halkirk, (Chem. Engr.)

*The Cominco Fellowship*

Deferred

*Cities Service Fellowship*

Thomas K. Alexander, Ontario (Physics)

*The Robert Tegler Research Scholarship*

Gordon Kay Greene, Edmonton (Philosophy)

*The Stapells Graduate Scholarship*

Roderick Douglas Fraser, Calgary (Economics)

*The Henry Marshall Tory Memorial Scholarship*

Gordon N. Hobson, Edmonton (Psych.)

*The William Rea Scholarship in Television*

K. Lynne Newcombe, Edmonton (Music)

The following awards are open in one Field of Study only:

**AGRICULTURE**

*Canadian Sugar Factories Scholarship*

Peter Bergen, Taber (Pl. Sc.)

*The Robert Gardiner Memorial Scholarship*

Ronald R. Marquardt, Edmonton (An. Sc.)

**EDUCATION**

*The Clarence Sansom Scholarship in Education*

Kathleen Isabelle Kennedy, Red Deer

*The Du Pont Company of Canada Limited Scholarship*

Deferred

*The Canadian Textbook Publishers Graduate Fellowship in  
Educational Administration*  
Steve N. Odynak, Lac La Biche

*The International Nickel Company of Canada Graduate Fellowship in  
Educational Administration*  
Ray Francis Harvey, Saskatoon

*The W. K. Kellogg Foundation Fellowships in Educational Administration*  
Dennis Dibski, Kingman Steve N. Odynak, Lac La Biche  
Eric George Hohn, Roundhill Nunham G. Stanford, Rolling Hills  
Arthur Loewen, Duches Philip John Warren, Newfoundland

*The Alberta Teachers' Association Fellowship in Education*  
Michael Skuba, Smoky Lake (Ed. Admin.)

#### **ENGINEERING**

*The Pan American Petroleum Corporation Graduate Fellowship in  
Petroleum Engineering*  
Richard J. Hamilton, Edmonton

*The California Standard Company Graduate Fellowship in  
Petroleum Engineering*  
Deferred

*The C.I.S.C. Graduate Fellowship in Civil Engineering*  
William P. Truch, Coleman

#### **GEOLOGY**

*The Pan American Petroleum Corporation Graduate Fellowship in Geology*  
Johann Steiner, Banff

*The California Standard Company Graduate Fellowship in  
Geology or Geophysics*  
Deferred

#### **PHARMACY**

*The Warner-Lambert Graduate Fellowship*  
Deferred

*The Pfizer Research Scholarship*  
Deferred

### **AWARDS MADE BY OTHER INSTITUTIONS**

The following awards are open in two or more Fields of Study:

#### *The Canada Council Awards*

*Pre-Doctor's Fellowships—Humanities:*  
George Samuel, Edmonton Roger G. Motut, Edmonton  
Merle Ian Scott, Edmonton

*Pre-Doctor's Fellowships—Social Sciences:*  
Morton Brown, Edmonton Louis Parai, Drumheller  
Lorne M. Kendall, Edmonton Ross E. Traub, Edmonton

*Pre-Master's Scholarships:*  
Charles B. Crawford, High Prairie Mary Strong, Edmonton  
K. Lynne Newcombe, Edmonton

*The Canadian Federation of University Women Fellowship*

*Margaret McWilliams Fellowship:*  
Donna Louise Clandfield, Lethbridge

*Commonwealth Scholarships*

Richard W. Bide, Edmonton  
Ian K. Steele, Edmonton

Morley S. Lipsett, Edmonton  
David G. Fish, Edmonton

*The Imperial Oil Graduate Research Fellowship*

Bruce W. Wilkinson, Edmonton

*The Imperial Order Daughters of the Empire War Memorial I  
Postgraduate Overseas Scholarship*

John Irvin Daeley, Pincher Creek

*The Imperial Order Daughters of the Empire War Memorial II  
Postgraduate Overseas Scholarship*

Lawrence P. Burns, Leduc

*The National Research Council Awards*

*Postdoctorate Overseas Fellowship:*  
Reginald A. Moore, Brantford, Ontario

*Special Scholarships:*

Drake Hocking, Edmonton  
George F. O. Langstroth, Rockingham, N.S.

Herb J. J. Seguin, Bonnyville

*Studentships:*

Norman E. Anderson, Spencerville, Ont.  
Yasuo Azuma, Tokyo  
Armand Boudreau, Quebec  
Mary P. J. M. Egerton, England  
John Engelhardt, Edmonton  
Calvin R. Evans, Calgary  
Roger M. Evans, Edmonton  
John A. Goldak, Edmonton  
Paulus A. Goud, Edmonton  
Peter W. Hochachka, Edmonton  
Harland E. Johnson, Edmonton

Krishna K. Jha, Delhi  
Vernon G. Mackay, Edmonton  
Richard G. Miller, Edmonton  
Peter L. Money, Valois, Quebec  
Joseph P. O'Donnell, Edmonton  
Gary G. Purdy, Edmonton  
E. Diane Stover, Edmonton  
Murray W. Strome, Vancouver  
Edward L. Tomusiak, Edmonton  
Frederick E. Vermeulen, Edmonton

*Bursaries:*

Leslie E. Ballantine, Irma  
Walter B. Foss, Lethbridge  
Rueben E. Huber, Olds  
Cary N. Davids, Ralston

William A. Murray, Edmonton  
W. Keith Nicholson, Vegreville  
Alan J. Rolfe, Ottawa

*The Rhodes Scholarship*

Bernard Leo Adell, Edmonton

*Rotary Foundation Fellowship*

Lawrence A. Mysak, Edmonton

*The Woodrow Wilson National Fellowships*

Gordon Lloyd Lang, Edmonton  
John Ivan Marki, Edmonton

The following awards are open in one Field of Study only:

**ENGINEERING**

*The Athlone Fellowships*

Group A—Jim Wm. Kranias, Edmonton  
Ernest A. Portfors, Hanna

*Steel Company of Canada Fellowships in Metallurgy*

Malcolm J. Bibby, Edmonton  
John R. Cahoon, Calgary

The above list of awards made by other institutions is not necessarily complete.

The list of candidates for degrees and diplomas appearing herein is subject to such corrections, with respect to both deletion and addition, as may be necessary.

Graduands whose names are preceded by an asterisk (\*) are graduating in absentia

## Degrees

### *Admitted to the Degree of Doctor of Laws, Honoris Causa*

The Honorable John Percy Page, B.A., B.C.S.

Harrison Scott Brown, B.S., Ph.D.

Gerhard Hertzberg, M.A., Dr. Ing., LL.D., D.Sc., F.R.S.C., F.R.S. (London)

The Honorable Mr. Justice Hugh John Macdonald, B.A., LL.B.

George Polya, Ph.D., D.Sc.

Wilfred Rush Wees, M.A., M.Ed., Ph.D.

### *Admitted to the Degree of Doctor of Philosophy*

*Candidates presented by Professor A. G. McCalla,*

*Dean of the Faculty of Graduate Studies*

Warwick Bartram Elley, B.A., M.A. (New Zealand), M.Ed. (British Columbia) "A Comparative Analysis of Socio-Economic Bias in Selected Intelligence Tests." (Educational Psychology), Edmonton

Kenneth Macey James, B.S.P., M.Sc. (Saskatchewan) "The Effects of Certain Hormones on Zinc Metabolism in Adrenalectomized and Hypophysectomized Rats." (Pharmacy), Edmonton

Sri Gopal Mohanty, B.A. (Utkal), M.A. (Punjab) "On Some Properties of Compositions of an Integer and their Application to Probability Theory and Statistics." (Mathematical Statistics), Edmonton

\*Jakkanaiah Mallaradhy Ramaradhy, B.Sc., M.Sc. (Mysore), Ph.D. (McGill) "Vapour Phase Radiolyses of Organic Compounds." (Chemistry), Edmonton

Gerhard Wolfgang Helmut Scherf, Dipl.Chem. (Technical University of Berlin) "The Preparation and Reactions of Some Alkali Metal Derivatives of Fluorene." (Chemistry), Edmonton

Richard Lester Stock, B.S. (Wisconsin) "The Mercury-( $^3P_1$ )-Photosensitized Decomposition of Cyclopentane in the Gas Phase." (Chemistry), Crystal Lake, Illinois, U.S.A.

\*Sirish Chandra Verma, B.Sc., M.Sc. (Allahabad) "The Action of Proteolytic Enzymes on Wheat Gluten." (Plant Biochemistry), Edmonton

### *Admitted to the Degree of Master of Arts*

Rita Evelyn Aldridge, B.A., (Alberta) "The Validity of a Self Administering Wechsler Short Form." (Psychology), Edmonton

Jo Anne Dutka, B.A. (Alberta) "The Dramatic Uses of Secular Songs in Medieval Plays." (English), Edmonton

Konrad Georg Joseph Haderlein, "Stefan Georges Ubersetzung dreier Sonette aus Shakespeares 'Passionate Pilgrime'. Der Geist des Umdichters in seinem Ubersetzungswerk." (German Literature), Edmonton

Roger John Hill, B.Sc. (London) "Prospects for European Unity." (Political Science), Edmonton

Eugene Everett Ray King, B.S.A. (Saskatchewan) "Interregional Competition in the Western Canadian Market for Eight Fresh Vegetables." (Economics), Edmonton

Patricia Mary Lobsinger, B.Sc. (Alberta) "A Study of Intelligence and Occupational Attitudes in Adult Extension Students." (Psychology), Edmonton

\*Claude Rudolph Owen, B.A. (Alberta) "Heinrich Heines Kenntnisse der Weltliteratur ohne Berücksichtigung der deutschen Literatur. Ein Bibliographisches Verzeichnis." (German Literature), Edmonton

\*Elizabeth Gilroy Pope, B.Ed., B.A. (Alberta) "Samuel Butler: A Character in Conflict." (English), Edmonton

Merle Ian Scott, B.Sc., B.A. (Alberta) "The Minor Characters in Shakespeare's Plays." (English), Edmonton

\*Warren Elwood Williams, B.A. (Alberta) "SA and SS in the Third Reich. A Study Based on the Record of the International Military Tribunal at Nuremberg." (History), Edmonton

Gwyneth Marjorie Witney, B.Sc. (Alberta) "The Relationship of Ward Architecture to Social Behavior of Mental Hospital Patients." (Psychology), Edmonton

*Admitted to the Degree of Master of Science*

Janos Adler, B.Sc. (British Columbia) "The Effect of the Martensitic Transformation on the Thermoelectric Power of Sodium." (Physics), Edmonton

\*Alistair Alcorn, B.Sc. (Durham) "The Pipeline Flow and Rheological Properties of Sulfur-Water Suspensions." (Chemical Engineering), Edmonton

Khalid Aziz, B.Sc. (Michigan), B.Sc. (Alberta) "Horizontal Annular-Mist Flow of Natural Gas-Water Mixtures." (Petroleum Engineering), Edmonton

Richard Willan Bide, B.Sc. (Alberta) "Methemoglobin Reduction in Rabbit Erythrocytes." (Biochemistry), Edmonton

\*Larry Joseph Bilan, B.Sc. (Alberta) "North American Tentaculitidae." (Geology), Tofield

\*Eric Charles Elliot, M.D. (Toronto), B.Sc. (Alberta) "Controlled Cardiac Output Studies in Dogs." (Surgery), Edmonton

\*Thomas Edward Emerson, Jr., B.Sc. (Oklahoma) "The Effect of  $P_{CO_2}$  and pH Alterations on the Cerebral Vascular Resistance in Dogs." (Physiology), Wilson, Oklahoma, U.S.A.

\*Calvin Ralph Evans, B.Sc. (Alberta) "The Precambrian Rocks of the Old Fort Point Formation—Jasper, Alberta." (Geology), Calgary

\*Edward Leo Fitzgerald, B.Sc. (Alberta) "Geology of the Ghost River Map-Area, Alberta," (Geology), Calgary

\*Alexander Bruce Hamilton, B.Sc. (Manitoba) "A Further Study of Cation Effects on the Physical Properties of Clays." (Civil Engineering), Banff

\*Siraj Husain, M.B.B.S. (Osmania) "The Evaluation of Current Duodenal Ulcer Surgery by the Use of a New Experimental Method of Ulcer Production." (Surgery), Prince Rupert, B.C.

Donald Herbert Laverty, B.Sc. (Alberta) "Some Effects of Fertilizers on Yield, Chemical Composition and Nutritive Value of Forages." (Soil Science), Edmonton

Lawrence Miller McKnight, B.Sc. (Alberta) "Some Factors Influencing the Physical Properties of Butter." (Dairy Technology), Edmonton

Herman Matthew Meisner, B.S. (Cornell) "The Effect of Propylthiouracil on the Oxygen Consumption and Radioiodine Metabolism of the Frog, *Rana pipiens* in Winter." (Zoology), New York

David William Mitchell, B.Sc. (Manitoba) "A Study of Alberta Asphalts." (Civil Engineering), Winnipeg, Manitoba

Robert Thomas Morrison, B.Sc., M.D. (Alberta) "The Metabolism of Radioactive Yttrium in Dogs and Guinea Pigs with Attempted Localization in the Gastric Mucosa." (Surgery), Edmonton

\*William Robert Musgrave, B.Sc. (Alberta) "Partial Oxidation of Butane—The Effect of Temperature, Reaction Time and Mass Velocity." (Chemical Engineering), Sarnia, Ontario

Charles Robert Neill, B.Sc. (Glasgow) "Hydraulic Investigations Related to Large Corrugated-Metal Culverts." (Civil Engineering), Edmonton

\*Steve Onyshko, B.Sc. (Alberta) "Semiconductorized High Voltage Supply." (Electrical Engineering), Edmonton

Robert Northey Plank, B.Sc. (Alberta) "Relationships of Feedlot Performance and Carcass Characteristics of Swine." (Animal Science), Lacombe

George Wesley Poling, B.Sc. (Alberta) "Infrared Spectroscopy of Xanthate Compounds in the Solid, Solution and Adsorbed States." (Metallurgical Engineering), Edmonton

\*Grace Lillian Powell, B.A. (Alberta) "Geographic Distribution of Hail in Alberta." (Geography), Edmonton

\*James Riddell, B.Sc. (Alberta) "On Bases for Sets of Integers." (Mathematics—Number Theory), Edmonton

Philip Thomas Seabrook, B.Sc. (Alberta) "The Effect of Low Temperature on the Strength of Concrete." (Civil Engineering), Edmonton

\*Joe Siegenberg, B.Sc., M.B.B.Ch. (Witwatersrand), F.R.C.S. (England) "The Controlled Rapid Production of Portal Cirrhosis and Portal Hypertension in Dogs." (Surgery), Edmonton

Harald Sonnenberg, B.Sc. (Alberta) "Renal Regulation of Extracellular Fluid Volume." (Physiology), Edmonton

\*Melvyn Roy Stauffer, B.Sc. (Alberta) "Geology of the Ski-Lodge Road Map-Area, Jasper, Alberta." (Geology), Didsbury  
 Conrad Frederic Wehrhahn, B.Sc. (Alberta) "Quantitative Genetics of Substitution Lines Involving Chromosome I of Common Wheat." (Plant Science), Davis, California, U.S.A.  
 Russell Emerson Wells, B.Sc. (Saskatchewan) "A Parent Material Study of Two Solonetzic Soil Sequences in Southern Alberta." (Soil Science), Edmonton

*Admitted to the Degree of Master of Education*

August William Bruns, B.Ed. (Alberta) "An Examination of the Alberta Tax Reduction Subsidy for Education." (Educational Administration), Bentley

John Harvey Finlay, B.Ed. (Alberta) "Expectations of School Boards for the Role of the Provincially Appointed Superintendent of Schools in Alberta." (Educational Administration), Edmonton

\*Robert Ritchie Fisk, B.A., B.Ed. (Alberta) "A Survey of Leisure Reading in the Junior High Schools of Alberta." (Secondary Education—English), Edmonton

Marion Elizabeth Foster, B.Ed. (Alberta) "A Comparative Study of Reading Achievement Between Comparable Groups of Pupils in Christchurch, New Zealand, and Edmonton, Alberta." (Elementary Education), Edmonton

Thomas Barr Greenfield, B.A. (British Columbia) "Teacher Leader Behavior and Its Relation to Effectiveness as Measured by Pupil Growth." (Educational Administration), Edmonton

\*Ernest John Ingram, B.Ed. (Alberta) "Public Attitudes Towards Education as a Basis for a Public Relations Program." (Educational Administration), Edmonton

George Kravetz, B.Ed. (Alberta) "An Evaluation of the Effectiveness of the Use of Films in Divisional and County Schools in Alberta." (Educational Administration), Vegreville

Archie Durward Marzolf, B.Ed. (Alberta) "Alexander Cameron Rutherford and his Influence on Alberta's Educational Program." (Secondary Education—Social Studies), Edmonton

\*David William Menear, B.A., B.Ed. (Toronto) "Parent Opinion and Pupil Achievement." (Educational Administration), Scarborough, Ontario

Warren Louis Ogilvie, B.Ed. (Alberta) "A Longitudinal Study of the Effects on Achievement of Promotion and Non-Promotion at the Grade III Level." (Educational Administration), Edmonton

Robert Steven Patterson, B.Ed. (Alberta) "F. W. G. Haultain and Education in the Early West." (Secondary Education), Edmonton

Lorne Duncan Stewart, B.Ed., B.A. (Saskatchewan) "An Analysis of the Role of the Assistant Superintendent in Alberta School Divisions and Counties." (Educational Administration), Claresholm

Eugene Wasyluk, B.Ed. (Alberta) "The Relation Between Four Selected Teacher Characteristics and Student Achievement in Grade Twelve Mathematics." (Secondary Education—Mathematics), Thornhill

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\*Lorne John Behm, Edmonton  
William Ross Blain, Edmonton  
Tove Margrethe Bording, Standard  
Donald John Boyer, Edmonton

Edwin Samuel Cook, Edmonton  
James Allan Coutts, Nanton  
William Herbert Downton, Calgary  
Rene Paul J. Foisy, Edmonton  
Trevor Charles Fraser, Edmonton  
Bruce Henry Jackson, Montreal, Quebec  
Margaret-Ellen Jira, Edmonton  
Robert Arthur Lundrigan, Edmonton

John Lawrence Charles Lyndon, Edmonton  
Robert Arnold Newton, Edmonton  
Grace Lorraine Ouellette, Grande Prairie  
Andrew Allan Purdy, Calgary  
Edward Elliott Rice, Lethbridge  
William Michael Johnston Richards, Edmonton  
\*Douglas Esmond Sanders, Edmonton

David Harry Searle, Yellowknife, N.W.T.  
Aaron Shtabsky, Edmonton  
Howard Lewis Starkman, Edmonton  
\*Cory Stolte, Barnwell  
Ronald Cyril Swist, Edmonton  
Patricia Olcen Toombs, Calgary  
\*William Arthur Wiese, Consort  
Lawrence Stuart Witten, Edmonton

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(honors in Psychology)

David Ross Haigh, Maple Creek, Sask.  
(honors in History)

Walter Clarke Hepburn, Calgary  
(honors in Economics)

Gordon Neville Hobson, Edmonton  
(first-class honors in Psychology)

\*Ivan Marki, Edmonton  
(honors in English)

Eric Henry Ohlmann, Leduc  
(honors in History)

Gregor Roetker, Calgary  
(first-class honors in Classics)

Ian Kenneth Steele, Edmonton  
(first-class honors in History)

\*Ellis Swart, Calgary  
(first-class honors in Classics)

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Michael Robert Colin Angel, Beaverlodge  
Joanne Elizabeth Vernon Angus-Smith, Calgary  
\*John Charles Armstrong, Calgary  
Jacob William Babad, Edmonton  
\*Beverley Joan Barnhouse, Edmonton  
Vera Elsie Barry, Edmonton  
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Linus Henry Becher, Manning  
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Benjamin Herbert Breitkreuz, Onoway  
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Malcolm Alexander Brown, Edmonton  
Gail Leota Browning, Edmonton  
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Lawrence Emerson Roderick Burton, Edmonton  
\*William Gray Clarke, Calgary  
Ross Webb Christensen, Calgary  
Corinne Osborne Cload, Edmonton  
\*David James Cooke, Edmonton  
\*Vera Catherine Corfield, Edmonton  
\*Winifred Lois Cumming, Three Hills  
Terence Pearce Curran, Edmonton

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Annette Therese Leone Darimont, Edmonton  
\*Laurence George Decore, Edmonton  
William Rushworth Dickson, Calgary  
Peter John Dooling, Cranbrook, B.C.  
\*Harold William Dootson, Irma  
Marilyn Lillian Elliott, Alliance  
\*Larry Alex Ewashen, Lundbreck  
Harold Douglas Florence, Westaskiwin  
Sharon Lynn Forster, Edmonton  
John Arthur Francis, Calgary  
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\*Roderick Douglas Fraser, Calgary  
\*Jean Elizabeth Fulton, Rockyford  
\*Herbert Gabora, Mikado, Saskatchewan  
Carl Robert Gibson, Medicine Hat  
David Wesley Giffen, Edmonton  
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Orest John Hamaluk, Edmonton  
Alison Christine Harle, Edmonton  
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John Randolph Hicken, Raymond  
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 Marilyn Anne Johnstone, Fort Saskatchewan  
 Robert Kambeitz, Coaldale  
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 Gerald Victor Kroetsch, Calgary  
 Richard Kwong, Calgary  
 John Albert Ernest Lackey, Calgary  
 \*Rosalia Lakatos, Calgary  
 Ronald Alfred Lant, Edmonton  
 Carol Hulda Martha Larson, Edmonton  
 Lorraine Bernice Law, Edmonton  
 Mary Denice Laycraft, Ponoka  
 Audrey June Lea-Wilson, Edmonton  
 Valda Leavitt, Glenwood  
 June Karen Leitch, Edmonton  
 Marilyn Carol Lloyd, Calgary  
 \*Donald Hartley Lorass, Edmonton  
 Rose Maureen Lund, Rosemary  
 \*Edward Patrick MacCallum, Edmonton  
 Heather Lila McCoomb, Busby  
 Dorothy Eleanor Macdonald, Edmonton  
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 Mary Jean McKenzie, Lethbridge  
 Shirley Ann McMillen, Hinton-Drinnan  
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 Hugh Alexander McQueen, Edmonton  
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 Edgar Gaylord Madill, Wainwright  
 \*Howard Anthony Mahon, Lethbridge  
 \*Heleen Julianna Masciuch, Athabasca  
 \*Anton Mstislaus Sigphridus Melnyk, Edmonton  
 \*Robert George Miller, Hines Creek  
 \*Robert William Miller, Calgary  
 \*Lorraine Gertrude Milne, Calgary  
 \*Dymphna Philomena Moore, Edmonton  
 Colette Marie Jeanne Morin, Edmonton  
 Barbara Maxine Murphy, Edmonton  
 \*Desmond Jerome Murphy, Edmonton  
 Bjarne Myhre, Westerose  
 Rachel Micla Nagler, Calgary  
 Marjorie-Ellen Nagloren, Calgary

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 Sandra Elizabeth Neve, Edmonton  
 Arthur Gordon Newman, Edmonton  
 \*Clifton David O'Brien, Edmonton  
 Judith Olive Odynsky, Edmonton  
 John Andrew Olthuis, Edmonton  
 James McPherson Parker, Rocky Mountain House  
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 Marie-Louise Poirier, Edmonton  
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 Betty Joan Robertson, Edmonton  
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 Horstdieter Julius Seliger, Edmonton  
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 Irene May Sevick, Red Deer  
 \*Walter Shandro, Edmonton  
 Sally Joanne Shortliffe, Edmonton  
 Jolayne Lois Sillito, Fort McLeod  
 Judith Anne Simpson, Calgary  
 \*Elaine Lucille Blaise Staniland, Edmonton  
 Douglas Henry Stanley, Calgary  
 Alvin George Stenson, Forestburg  
 Frederick Harold Telmer, Edmonton  
 Edward Dennis Thiessen, Edmonton  
 \*Harold William Veale, Edmonton  
 \*Wesley James Wetter, Edmonton  
 Margaret Eveline Wheatley, Banff  
 \*Brian Bromley Wilks, Lethbridge  
 Roger Sainsbury Woods, Drumheller  
 \*William Stewart Wright, Balzac  
 \*Lawrence Walter Yuzda, Two Hills

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Walter Edward Avis, Calgary  
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 (honors in Geology)

Cary Nathan Davids, Ralston  
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Walter Garfield Davies, Innisfail  
 (honors in Physics)

Albert James Davis, Calgary  
 (honors in Geology)

Marilynn Laurene Faulkner, Edmonton  
 (first-class honors in Mathematics)

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Constance Marguerite Glow, Calgary  
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Theophilus Leonard Greene, Trinidad, B.W.I.  
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\*Oscar Michael Isaac, Keg River  
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Graham Leadbetter, Edmonton  
(first-class honors in Chemistry)

Robert Alister MacLeod, Edmonton  
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\*William Robert Maiklem, Olds  
(honors in Geology)

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(honors in Physics)

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(honors in Chemistry)

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(first-class honors in Physics)

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Gail Barbara Stayura, Calgary  
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Johann Steiner, Banff  
(first-class honors in Geology)

\*Robert Edmund Stephens, Calgary  
(honors in Geology)

\*Robert Francis Windsor, Edmonton  
(honors in Geography)

\*Kitchener Barrie Young, Grassi Lake  
(honors in Chemistry)

\*James Victor Zidek, Forest Lawn  
(honors in Mathematics)

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Carman Henry Brooks, Edmonton  
Ian St. George Burn, Calgary  
Vernon Delbert Carlson, Wetaskiwin  
Paul Anthony Chalmers, Edmonton  
\*Tom Emil Chmilar, Newbrook  
Sheran Jene Christensen, Calgary  
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John Leonard Fingarson, Regina, Sask.  
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\*Robert Joseph Hupfer, Sherwood Park  
\*Garry Russel Jackson, Edmonton  
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William Scott Klipper, Hanna  
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Eileen Olive Moisey, Edmonton  
\*Spencer William Montgomery, Edmonton  
Myrna Rose Moritz, Edmonton  
Thomas Frederick Mowat, Red Deer  
\*Frances Elizabeth Murray, Edmonton  
Louis Neering, Edmonton  
\*Grant LeRoy Nielsen, Edmonton  
John Odynski, Edmonton  
\*Marvin William Phillips, Edmonton  
Lorna Jean Poulsen, Lethbridge  
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James Lowe Quan, Calgary  
Brian Barney Olphert Kemmis Reeves,  
Waterton Park  
Elizabeth Anne Robertson, Edmonton  
Robert James Rosiechuk, Camrose  
Patricia Louise Roy, Cayley  
Lucille Jeanette Salt, Lethbridge  
\*Walter Donald Samiroden, Edmonton  
Jay Gordon Scott, Vulcan  
Douglas Gary Scraba, Lacombe  
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\*Stanley Stephen Smith, Calgary  
\*Wallace Gordon Sorge, Stettler  
Patricia Eleanor Stayura, Calgary  
\*Edward Orval Taite, Calgary  
John Gerald Tansey, Edmonton  
Manuel Daniel Thachuk, Edmonton  
Lorne James Thompson, Edmonton  
\*Peter Lawrence Thompson, Edmonton  
William Chamley Thompson, Rimbev  
\*Donald Elmer Trongard, Edmonton  
Gaylard Randal Turnquist, Gwynne  
Maury Gaddis Van Vliet, Edmonton  
\*Franciscus Nicolaas Theodorus  
Vander Kley, Edmonton  
\*Robert James Walker, Edmonton  
\*George Wiebe, Warman, Sask.  
Alvin Lyall Wilkinson, Edmonton  
Raymond Alexander Frank Wilkinson,  
Edmonton  
\*Claire Winton Williamson, Edmonton  
Terence Walter Wilson, Edmonton  
\*George Rae Winkelaar, Edmonton  
\*Show-Ming Yee, Red Deer  
Lorne Thomas Yuedall, Edson

*Admitted to the degree of Bachelor of Music*

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Father Wolfgang Heinz Otto Bottenberg, Calgary  
Kathleen Lynne Newcombe, Edmonton

Eileen Allwood Turner, Edmonton

*Admitted to the Degree of Bachelor of Science in Chemical Engineering*

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*With High Distinction*

Orville Cecil Sandall, Halkirk

*With Distinction*

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Allan Lee Pollock, Calgary

Grant Miller Raisbeck, Edmonton  
\*Robert Geoffrey Walsh, Edmonton

Jane Eleanor Bleuler, Edmonton  
Robert Earl Bowser, Edmonton  
Marion Gordon Checknita, Redwater  
\*David Robert Chetner, Calgary  
\*Harold Hershel Dashevsky, Brunkild, Manitoba  
Kent Richard Foster, Edmonton  
Hugh Thomas Goldie, Medicine Hat  
Robert Colin Golightly, Edmonton  
Michael George Grace, Edmonton  
William Douglas Gutierrez, Edmonton  
Robert Willard Haggarty, Cluny  
David Lloyd Johnson, Victoria, B.C.  
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\*Donald Terrence Keenan, Champion  
Dale Alfred Lucas, Edmonton  
Orest Ludwick, Morecambe  
George Thomas Lyons, Shaughnessy  
Robert George McAuley, Pincher Creek

\*Archibald Donald McPhee, Edmonton  
Melvyn Bruce Martin, Edmonton  
Dennis Earl George Maschmeyer, Bruderheim  
Charles Reginald Middleton, Island Lake, Manitoba  
Melvin Oliver Movold, Hay Lakes  
\*Kenneth Raymond Nichol, Calgary  
\*Albert James Patterson, Red Deer  
\*Albert Arthur Ritchie, Edmonton  
William John Robertson, Benalto  
\*Raymond Louis Rovere, Drumheller  
\*Gordon Kenneth Rutz, Red Deer  
Kin Seto, Vancouver, B.C.  
John Joseph Sparling, Calgary  
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James Frank Wong, Olds  
Lyall Campbell Work, Hardisty

*Admitted to the Degree of Bachelor of Science in Civil Engineering*

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Norman Keith Goodrich, Calgary  
Ralph Carl George Haas, Grimshaw  
\*Carl Franklin Hunter, Black Diamond  
Ronald William Kathol, Rockyford  
Dennis Arnold Lindberg, Bluffton  
William George Herman Nyhoff, Lethbridge  
Lorne Harold Pierlot, Rimby  
James Allen Ross, Edmonton  
Richard John Sawchuk, Edmonton  
William Patrick Truch, Coleman  
Helmut Keith Walker, Edmonton

William Ray Bennett, Spring Coulee  
Patrick McKenzie Bentley, Edmonton  
John Eldon Broen, Edmonton  
\*Alben Joseph Chmelauskas, Lethbridge  
Thomas Lloyd Clarke, Beaverlodge  
Robert Michael Comchi, Carvel  
Roy Dennis Cook, Onoway  
Kelt Francis Davies, Ponoka  
\*William Harding Davies, Edmonton  
Anthony De Simon, Calgary  
Ronald Drinnan Dooley, Medicine Hat  
Peter Croome Douglas, Calgary

Klaus Ulrich Driedger, Edmonton  
Robert Harry Ferguson, Edmonton  
John William Fildes, Spirit River  
Joseph Alan Glowach, Greencourt  
David Frederick Goodman, Calgary  
Walter Peter Hahn, Edmonton  
Wilmont James Hamilton, Edmonton  
\*Wilsie Hilton Hatfield, Rosemere, Quebec  
\*Henri Jérôme Hétu, Bonnyville  
\*Paul Bernard Hussey, Edmonton  
Arthur Barry Irvine, Edmonton  
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Bryan Leroy Lemke, Grande Prairie  
\*Jimmy Chi Wang Leong, Vancouver, B.C.  
Robert Thomas Liddle, Ponoka  
Richard Barry Lomheim, High River  
Robert Terence McQuillan, Edmonton  
George Charles Marrinier, Donatville  
Randal Bruce Mitchell, Radium Hot Springs, B.C.  
Donald Edwin Morse, Irma  
John William Murray, Edmonton  
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\*Frank Murray Neilson, Onoway  
Lawrence Louis Paccagnan, Medicine Hat  
Andi Pallas, Edmonton  
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David Harold Quapp, Coaldale  
Leon Burt Root, Lomond  
Allen Ensley Sandstrom, Calmar  
Harry Edward Sim, Edmonton  
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Donald George Snyder, Edmonton  
Boleslaw Leo Peter Steblecki, Edmonton  
John Tewnion, Edmonton  
Lyle Jerome Thronson, Kingman  
James Roderick Tweddle, Edmonton  
Donovan Roy Walker, Edmonton  
\*Bruce Harvey Wilkerson, St. Catharines, Ontario

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\*Ronald Harvey Johnston, Drumheller

\*Demitro Mykityuk, Edmonton

Spencer Tracy Nichols, High River

John Clifford Badger, Edmonton  
Frederick Walter Bokenfohr, St. Albert  
Arthur Harold Bradley, Edmonton  
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Louis Leo Romeo Brodeur, Edmonton  
Keith Arnold Brown, Edmonton  
\*Donald Malcolm Campbell, Edmonton  
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Frank Werner David, Red Deer  
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William Henry Dubik, Edmonton  
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\*Donald Henry Albert Piro, Edmonton

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James Douglas Dale, Edmonton  
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John Peregrym, North Surrey, B.C.

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\*Eric Henry Cook, Edmonton  
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\*Harry Kaethler, Edmonton  
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William Alexander Kastelen, Andrew

Udo Kaul, Calgary  
Nestor Melton Koziak, Lamont  
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Donald James Parsons, Calgary  
Walter Saponja, Edmonton  
\*David Norman Schuh, Edmonton  
Patrick Lloyd Sherman, Granum  
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John Raymond Cahoon, Calgary  
\*Daniel Frank Watt, Edmonton

Bud William Kushnir, Edmonton

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Claudio Guarnaschelli, Calgary  
Mike Paul Lipkewich, Chipman

Edward Melnyk, Elk Point  
Gordon Kenneth Munk, Breton  
Ernest Yuskiw, Edmonton

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*With Distinction*

Richard James Hamilton, Edmonton

\*James Alison Adamson, Calgary  
John Paul Ciurysek, Berwyn  
Trevor Forrest Cuthill, Fort St. John,  
B.C.  
Ralph Elborne Hughes, Edmonton  
William Burgess Longson, Kathryn  
\*David Wallace Martin, Edmonton

Wayne Murray Newhouse, Edmonton  
Harry Edward Ripley, Edmonton  
John David Scott, Vermilion  
Kenneth Neil Sobkowich, Edmonton  
Richard Peter Thompson, Edmonton  
Arthur Wichert, Barrhead

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*Candidates presented by Professor J. S. Thompson,  
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Barbara Diane Peddlesden, Calgary

Eleanor Margaret Pow, Okotoks  
Jean Ruth Schattschneider, Edmonton

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Dean of the Faculty of Agriculture*

*With High Distinction*

Rueben Eugen Huber, Edmonton  
Alexander Frederick McCalla, Edmonton

*With Distinction*

Leslie Michael Lavkulich, Lethbridge

Albert de Leeuw, Edmonton  
Walter Dembicki, Edmonton  
Ronald Charles Gordon, Alix  
Flores John Groeneveld, Blackie  
James Steve Hladky, Lethbridge  
Eduard Willem Jan Kerkhoven, Edmonton  
\*Thomas David Morrow, Magrath  
Wendell Kenneth Opheim, Cereal  
\*Takeshi Otani, Lethbridge

George David John Rife, Westlock  
Donald Arthur Smith, Edmonton  
David Tupper Spurr, Notikewin  
Ellis Leverton Treffry, Wainwright  
Murray George Turnbull, Wolseley, Sask.  
Allan Alexander Warrack, Langdon  
Orest George Wasiuta, Calmar  
John William Yorgason, Claresholm

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Head of the Division of Elementary Education*

*With First-Class General Standing*

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Kathleen Isabelle Kenney, Red Deer

Anne Pauline Ross Anderson, Medicine Hat  
Wayne Douglas Armitstead, Edmonton  
\*Sine Awid, Edmonton  
Muriel Elizabeth Barber, Lydden, Sask.  
\*Michael Albert Beauregard, Calgary  
Margaret Patricia Jane Browne, Edmonton  
\*Agnes Gladys Buckles, Edmonton  
Hilda Buza, Edmonton  
Margaret Julina Calderwood, Edmonton  
\*Donald Anthony Campbell, Edmonton  
\*Frances Violet Capp, Edmonton  
Maureen Lilian Christian, Edmonton  
John Dennis Collins, Calgary  
Arlene Edna Crockford, Edmonton  
Myrtle Jones Delany, Edmonton  
James Garvey Donlevy, Edmonton  
\*Betty Ewart Evans, Edmonton  
Margaret Rose Fair, Edmonton  
Ann Marie Gaszler, Raymond  
Marie Ella Gazdarica, Tilley  
\*Harold Alexander Greer, Edmonton  
Janet Caroline Hammond, Pincher Creek  
\*Lawrence Leon Harker, Edmonton  
Henry William Hodysh, Edmonton  
Isabelle Loretta Hoeber, Europe  
Marylyn William Hogenson, Edmonton  
\*Reginald Dale Jackson, Edmonton  
James Perry Jones, Dewberry  
\*Frances Mary Ellen Kapchinsky, Edmonton  
Isobel Doreen Kennedy, Islay  
\*Donald Wilson Knowles, Vancouver, B.C.  
Stewart Charles Knox, Sherwood Park  
Walter Kunkel, Stony Plain  
Stella Helen Lazaruk, Edmonton  
Mary Alice Lorraine Likuski, Burmis  
Steve Lobay, Edmonton  
Herbert Malcolm Lott, Edmonton  
Audrey Margaret McBrien, Stettler

Viola Jean McNaughton, Didsbury  
\*Georgina Joyce McPheevers, Cayley  
Ernest George Mardon, Edmonton  
\*Raymond Philippe Messier, Edmonton  
\*John Mah Ming, Red Deer  
Walter Garry Mitchell, Medicine Hat  
\*Leo Joseph Mohler, Calgary  
Walter Muir, Edmonton  
Janet Catherine Neil, Burdett  
Florence Eileen Otto, Mannville  
Wilma Katherine Palmer, Edmonton  
\*Elfleda Eltheo Peirce, Edmonton  
\*Leo Narcisse Peltier, Camrose  
\*Keith Sheraton Robson, Killam  
Florence Rubin, Edmonton  
Margaret Anne Ryder, Calgary  
\*Father Henry Schabberger, Calgary  
\*Father John Edward Schofield, Edmonton  
John Wendele Shields, Edmonton  
Beverly Faye Simmons, Medicine Hat  
Lorraine Margaret Smallwood, Irma  
\*Robert Albert Stearne, Calgary  
Keith Philip Sterling, Wetaskiwin  
Charles LeRoy Strickland, Calgary  
Muriel Corinne Torgunrud, Edmonton  
\*Andrena Tweedie, Calgary  
Waldemar Renaldo Unruh, Calgary  
Gary Conrad Vernon, Edmonton  
\*Kathleen Joy Vickery, Calgary  
Gail Julia Vincent, Pincher Creek  
Mary-Rose Warren, Lundbreck  
\*Frank Warwick, Calgary  
Elizabeth Marian Whitney, Ralston  
Elsie Joan Wilby, Edmonton  
\*Ruth Oneta Willigar, Parrsboro, Nova Scotia  
Beverly Joan Nygaard Wilson, Edmonton  
Karen Ann Wolf, Redcliff  
Geraldine Ann Marie Yagos, Burmis  
Richard Lee Yuen, Edmonton

*Admitted to the Degree of Bachelor of Education in Industrial Arts*

Glenn Howard Allen, Calgary

Donald Ivar Torstensen, Millet

*Admitted to the Degree of Bachelor of Science in Pharmacy*

*Candidates presented by Professor M. J. Huston,  
Dean of the Faculty of Pharmacy*

*With First-Class General Standing*  
Rose Marianne Gebauer, Coaldale

Janet Emiko Russell, Edmonton  
Barbara Ann Short, Edmonton

Lev Borys, Leduc  
Julianna Mary Buza, Edmonton  
Donald Lloyd Carley, Edmonton  
\*Cameron Mannix Clandfield, Calgary  
Lois Margaret Clarke, Edmonton  
Margaret June Dribb, Goodridge  
Sandra Ann Dunnigan, Edmonton  
Jane Dzivinski, Edmonton  
Robert Edward Everson, Lethbridge  
Kathleen Gayle Forster, Lethbridge  
Ronald Roy Giles, Prince Albert, Sask.  
Irene Laverne Gilpin, Viking  
Jeffrey Masaru Higa, Lethbridge  
Wendy Joan Hobbs, Campsie  
Mary Angela Huot, Edmonton  
Murray Reginald Johnston, Medicine Hat  
George Douglas Jonson, Edmonton  
Anthony Valentine Kallal, Edmonton  
Sharon Louise Keneffly, Edmonton  
William Allen Kindrachuk, Morecambe  
Robert George Joseph Kinshella,  
Edmonton

Lawrence William Kotylak, Edmonton  
Iris Kotyshyn, Two Hills  
Ronald Glen Lang McCready, Calgary  
Ray Dennis Magus, Edmonton  
Judith Lorraine Malcolm, Innisfail  
Nicolle Mae Carene Nykiforuk, Edmonton  
James McKay Orr, Grande Prairie  
Patricia Louise Paris, Vulcan  
Gloria Ann Pillott, Berwyn  
Myrna Ilene Popove, Calgary  
Ross Preston Schmidt, Lacombe  
Lorraine Darling Marlene Schultz,  
Bashaw  
Judith Anne Scott, Edmonton  
Donna Kaye Stewart, Calgary  
Lionel Arthur Thibault, Edmonton  
Paul Emile Thibault, Edmonton  
Irene Lillian Wojciechowich, Edmonton  
James Arthur Wood, Edmonton  
Jean Lily Anne Zulak, Brooks

#### *Admitted to the Degree of Bachelor of Commerce*

*Candidates presented by Professor H. Harries,  
Dean of the Faculty of Commerce*

Vida Irene Bajoras, Edmonton  
William Alexander Brennan, Calgary  
\*Robert Leigh Brintnell, Edmonton  
\*Charles Edward Butterfield, Calgary  
Frederick Kenneth Campbell, Edmonton  
Allan Fred Corenblum, Calgary  
Victor William Dzurko, Edmonton  
Brian Douglas Funnell, Edmonton  
\*Siegfried Friedrich Gaida, Edmonton  
William Einar Gilbertson, Edmonton  
Howard Henry Gilchrist, Maidstone, Sask.  
William Philip Gregorsky, Calgary  
\*Robert Banks Hamilton, Edmonton  
Allan Hawrelak, Willingdon  
Douglas Dawson Hollands, Edmonton  
Walter Herbert Holt, Lethbridge  
William David Howell, Calgary  
James Norman Martin Isakson, Camrose  
\*Nicholas Johns, Edmonton  
Orest Archie Karbonik, Calmar  
Robert Smeaton Kergan, Drumheller  
Natalka Mary Klybanowsky, Edmonton  
\*Normin Knight, Calgary

\*Leonard Kozak, Edmonton  
Robert Hon Wing Leong, Lethbridge  
John Lawson McAlister, Stettler  
Allan James McKinnon, Calgary  
Joan Anne McLean, Edmonton  
Donald Gordon MacWilliam, Edmonton  
Boyd Crosbie Marshall, Edmonton  
William Robert Mitchell, Edmonton  
Kenneth Douglas Rogers, Calgary  
Geoffrey Harold Saxton, Edmonton  
David Joseph Schmirler, Edmonton  
Gaylord Herbert Schmirler, Edmonton  
Clifford Joseph Small, Edmonton  
Cecil Lloyd Sorensen, Red Deer  
William Charles Stephen, Estevan, Sask  
William Hugh Donald Stewart, Vermilion  
Charles David Wainberg, Calgary  
John Frederick Wakulich, Edmonton  
Levern George Wasyl Lynchuk, Edmonton  
Gary Bruce Webb, Edmonton  
William Devue Woolf, Edmonton  
Carole Ann Wright, Edmonton

#### *Admitted to the Degree of Bachelor of Science in Nursing*

*Candidates presented by Professor R. L. McClure,  
Director of the School of Nursing*

Marilyn Islay Assheton-Smith, Ferintosh  
Sheila Hughes Brown, Canmore  
Anne Kathleen Chelak, Regina, Sask.  
Phyllis Margaret Craig, Edmonton  
Margaret Jeanette Evans, East Coulee  
Helena Mary Fitzgerald, Edmonton  
Grace Elenor Gordon, Edmonton  
Joanne Eleanor Graves, Edmonton  
Gwynne Elizabeth Gregg, Edson  
Mona Isobel Grindley, Edmonton

\*Esther Ruth Heidebrecht, Red Deer  
Rochelle Lee Katzin, Calgary  
Elaine Agnes King, Olds  
Mary Nancy Kuskie, Edson  
Joan Marie Manuel, Edson  
Jacqueline Ann Maxwell, Calgary  
Lindsay Ann Morrow, Edmonton  
Emelie Deanna Palmer, Edmonton  
Lavona Jean Parker, Edmonton  
Violet Christine Penney, Edmonton

Marilyn Joan Plewes, Edmonton  
Jennie Ann Richmond, Faust  
Phyllis Gene Roos, Edmonton  
Marcella Dianna Schmaltz, Edmonton  
Norma Winifred Strohschein,  
Wetaskiwin

Marion May Swift, Rocky Mountain  
House  
Elisabeth Mary Thiel, Elmworth  
Mabelle Jean Tingle, Edmonton

*Admitted to the Degree of Bachelor of Science in Household Economics*

*Candidates presented by Professor E. L. Empey,  
Director of the School of Household Economics*

*With First-Class General Standing  
Lora Louise Bacon, Edmonton*

Geraldine Broadribb Bailey, Edmonton  
Linda Ruth Claydon, Edmonton  
Dorothy Helen Cowan, Lloydminster  
Sask.  
Gertrude Anne Gordon, Rose Lynn  
Corinne Petrusia Marie Greschuk,  
Edmonton  
Joanne Mary Hobbs, Edmonton  
Pauline Marie Lefebvre, Edmonton  
Wilma Marie Losing, Hemaruka  
Marjorie Mae Mason, Granum  
Marilyn Anne Matthiessen, Heisler

Martha Caroline Munz, Edmonton  
Marion Agnes Peers, Edmonton  
Glenna Mildred Robins, Blackie  
Louise Margaret Roose, Camrose  
Vera Sawchyn, Grassland  
Lillian Sharp, Edmonton  
Iona Marie Shaw, Calgary  
Judith Lavinia Urch, Lethbridge  
Patricia Jean Wagner, Edmonton  
Lillian Kathleen Warawa, Edmonton  
Violet Rosemarie Wenger, Edmonton

*Admitted to the Degree of Bachelor of Physical Education*

*Candidates presented by Professor M. L. Van Vliet,  
Director of the School of Physical Education*

Monica Susan Beckman, Fenn  
David Lawrence Burt, Devon  
Laurence Lee Coyne, Edmonton  
Anne Yukiko Hashizume, Medicine Hat  
\*James Lea Hodgson, Hythe  
June Colleen Jamison, Edmonton  
Judith Myrna Kutt, Edmonton

\*William Thomas Lorenzen, Regina, Sask.  
William Geoffrey Lucas, Edmonton  
David Alexander Luchko, Andrew  
Charles Thomas Reaume, Calgary  
Lorna Elizabeth Saville, Edmonton  
Ronald Douglas Tranter, Calgary

# Diplomas

## Diploma in Public Health Nursing

Candidates presented by Professor R. L. McClure,  
Director of School of Nursing

\*Helene Marie Caufield, Sault Ste. Marie,  
Ontario  
Ruby Doreen Crabb, Radisson, Sask.  
Carol Nancy Dean, Edmonton  
Elizabeth Ann Friedel, Edmonton  
Gloria Ruth Huber, Olds  
\*Phyllis Germaine Kabage, Brosseau

Marlene Dolores Murray, Canyon Creek  
Dorothy Edna Phipps, Calgary  
Agnes Christina Short, Lethbridge  
\*Kathleen Amelia Jean Smallface, Brosseau  
\*Evelyn Marie Talpash, Edson  
Lois Margaret Watkins, Olds

## Diploma in Teaching and Supervision in Schools of Nursing

\*Norma Jean Andersen, Tilley  
\*Ann Carley Augusta, Camrose  
Florence Elizabeth Backman, Kamloops,  
B.C.  
Clare Aileen Cook, Lethbridge  
\*Lillias Irene Holland, Edmonton  
\*Elva Jeanne Hunt, Lethbridge  
Celeste Catherine Koskowich, Lethbridge  
\*Adeline Lapicki, Mundare

\*Mary Elizabeth MacGillivray, Edmonton  
Jane Alexandra Montgomery, Edmonton  
\*Florence Elsie Morrison, Beaverlodge  
\*Frances Leone Reed, Edmonton  
Charlotte Lauralee Root, Edmonton  
Mary Anne Schreiner, Edmonton  
\*Anna Mae Stewart, Claresholm  
\*Marian Elizabeth Margaret Wilson,  
Wapella, Sask.

The General Faculty Council of the University has also approved the award of diplomas to the following students who do not attend Convocation:

## Diploma in Nursing

Shirley Ione Hay Anholt, Carbon  
Lesley Marjory Rose Beattie, Swift  
Current, Sask.  
Gloria Marjorie Brus, Edmonton  
Marie Helen Casavant, Calgary  
Lydia Cecelia Childs, Calgary  
Audrey Frances Duggan, Edmonton  
Joanne Elizabeth Draayer Fisk,  
Wetaskiwin  
Margaret Luise Friesen, Vauxhall  
Sharon Laureen Hall, Athabasca  
Annie Sonia Hudz, Sexsmith  
Penelope Kellam, Edmonton  
Loretta Mavis Kyle, Edmonton

Doreen Carol Wilkinson Leicht, Leduc  
Elizabeth Leitch Mathieson, Edmonton  
Doris Pearl Munro, Innisfail  
Doris Noreen McTavish Olenyk, Stony  
Plain  
Shirlee Mae Osetsky, Coronation  
Elaine Doreen Wright Parry,  
Lloydminster, Sask.  
Barbara Ruth Ann Purin, Edmonton  
Faye Louise Speer, North Edmonton  
Corinne Olive Turner, Edmonton  
Marian Lovejoy Witherspoon, Stony Plain  
Elaine Isabel Wright, Exshaw  
Ardith Ann Zilke, Westaskiwin

## MUSIC

### Associate Diploma in Music

Father Wolfgang Heinz Otto Bottenberg (Pianoforte-Performer, Honors), Calgary  
Isobel Patricia Clowes (Singing-Teacher, Pass), Edmonton  
Louise Antoinette Dupuis (Pianoforte-Solo Performer-Teacher, Honors), Edmonton  
Janet Clark Hunt (Pianoforte-Teacher, Pass), Edmonton  
Patricia Olcen Toombs (Organ-Performer, Pass), Edmonton  
Eileen Allwood Turner (Singing-Teacher, Pass), Edmonton  
Erin Louise Wood (Singing-Performer, First-Class Honors), Edmonton

### Licentiate Diploma in Music

Kathleen Lynne Newcombe (Pianoforte), Edmonton

### Intermediate Diploma in Art

Malcolm Jaro Andrews, Edmonton  
Ihor Dmytruk, Edmonton  
Margaret Rose Kitsco, Edmonton

Ruth Leah Promislow, Edmonton  
Per Gorm Rasmussen, Edmonton

## PROFESSIONAL CERTIFICATION

### CERTIFICATES OF POSTGRADUATE QUALIFICATION IN MEDICINE

#### *Internal Medicine*

Dr. Cameron George Hill  
Dr. Ian Hugh Holmes  
Dr. William Eugene J. Pourbaix  
Dr. Gordon Leonard Robertson

Dr. Richard William Sherbaniuk  
Dr. Christopher James Varvis  
Dr. James Ramsay Weir

#### *Psychiatry*

Dr. John Theodore Gibbs  
Dr. Andrew Neil McTaggart  
Dr. Maurice Benn Moore

Dr. James Thompson  
Dr. Henry-Marian Wojcicki

#### *Paediatrics*

Dr. Murray Charles Colwell  
Dr. Gordon William A. Selby

Dr. Edward James Turner  
Dr. George Everett Eddy

#### *Diagnostic Radiology*

Dr. Irvine Donald Hendin  
Dr. John Townsley Mason

Dr. Montague Philip Neaman  
Dr. Barry Victor Evans

#### *Therapeutic Radiology*

Dr. Edwin Rochester Smith

#### *Anaesthesiology*

Dr. Edgar George Diamond  
Dr. Frank Cecil Haley

Dr. Ebba Kirkebeck  
Dr. Alan McLean Keil

#### *Physical Medicine*

Dr. Michael Trevor Falls Carpendale

#### *General Surgery*

Dr. Frank Duff  
Dr. Frans Barend C. Gouws  
Dr. Harry Alexander Hyde

Dr. Ian William A. McFarland  
Dr. Andreas E. T. Thomsen

#### *Rhino-Oto-Laryngology*

Dr. Leslie Joel Phillips

#### *Obstetrics and Gynaecology*

Dr. Norris Ralph Bertrand  
Dr. Matthew Davis  
Dr. Donald James Murray  
Dr. Jeremiah Gerard O'Sullivan

Dr. Charles Alexander Ringrose  
Dr. H. Ovas Wagg  
Dr. Edward J. L. Fish

#### *Urology*

Dr. William Hall Lakey

#### *Orthopaedic Surgery*

Dr. Glen Elmer Edwards

#### *Plastic Surgery*

Dr. Harry Scott Thomson

Dr. William Gerard De Haas

Dr. Erwyn Wallace Bissell  
Dr. William Albert Fowlow

### CERTIFICATE OF POSTGRADUATE QUALIFICATION IN DENTISTRY

#### *Orthodontics*

Dr. Ronald Perry Mullen

#### AGROLOGY

OCTOBER, 1960  
Evanochko, Michael

NOVEMBER, 1960

Asplund, John Malcolm  
Ball, Aldon Gordon  
Clegg, Lawrence F. L.  
DesChamps, Allan

Jones, Lawrence Trevor  
Lawrence, Vern Stanley  
Yule, Lorne Stuart

JANUARY, 1961

Cameron, Melvin Arthur  
Merriman, Mo

Molnar, Steve  
Warne, Joseph Henry

FEBRUARY, 1961

Madill, John Wallace

MARCH, 1961

Hughes, George Steven

DECEMBER, 1960

Long, John W.

NOVEMBER, 1960

Adams, Peter Frederick Gordon  
Allyne, Arthur Barnard  
Coady, Arthur Bernard  
Evanoff, Stephen  
Geis, Elmer Lee  
Geisler, C. B.  
Gillanders, Robert William  
Gordon, Norman Francis  
Gregory, James Nathaniel  
Innes, Albert M.  
Kathol, Bernard William  
Kennedy, Lucien J.

## ARCHITECTURE

## ENGINEERING

DECEMBER, 1960

Balazs, Bela  
Bowersock, James N.  
Buckie, LeRoy S., Jr.  
Derbowka, Glenn C.  
Dillon, Larry S.  
Doby, G.  
Dutton, William N.  
Gray, Henry  
Hegwer, John S.  
Maier, Leonard F.  
Manley, Harold W.  
Masson, William B.

Kern, James Donald  
Lewis, Gerald Henry  
Mason, R. J.  
McCormack, Harold R.  
Nicholson, Irving Neil  
Parry, Kenneth John  
Schroder, Charles Edward  
Seale, Garfield Winston  
Sutcliffe, Robert Fred  
Varzelotti, A. N.  
Vaughan, Delmi Arthur

JANUARY, 1961

Balch, Emmet, H., Jr.  
Barkley, George H.  
Beamish, Robert A.  
Beardmore, Michael T. W.  
Blanchflower, Colin A.  
Blott, Art J.  
Botar, Oliver  
Cameron, Alexander B.  
Cameron, Donald J.  
Chapman, Harold S.  
Clark, Robert J.  
Cork, Gary Alan  
Cummer, Roy  
Cutmore, Trevor P.  
Drewett, George I. H.  
Duncan, David J.  
Dykstra, F. R.  
Eaglesham, Robert J.  
Fedor, Frank, Jr.  
Forgie, Robert J.  
Golder, Hugh Quintin  
Hall, Arthur G.

Matheny, W. F.  
MacGregor, James Grierson, Jr.  
McDade, George H.  
Richardson, Bruce Alfred  
Schulte, Lloyd Jacob  
Sears, James Robert  
Shouldice, S. P.  
Thompson, D. W.  
Thompson, Lorne Russel  
Westlake, John Henry  
Woloshyn, Peter  
Woznow, Leon John

Hebbert, Robert H. B.  
Hedges, Gunn N.  
Hovdebo, Harold R.  
Hunt, John George  
Jones, William H.  
Kawulka, Paul  
Kettlewell, Kenneth R.  
Kindred, Herbert G.  
Kloepfer, Clarence V.  
Lockwood, Charles M.  
Maduke, Bohdan I.  
MacCalder, Allan A.  
MacMillan, John A.  
Nisco, John F. A.  
Paugh, Robert B.  
Peacock, Harold E.  
Poole, Kenneth  
Powlan, Frank  
Schulz, William  
Serafini, Redo  
Spaapen, John  
Spice, Edward N.

Sumner, Robert J.  
Trott, Peter Lawson  
Usher, John L.

Wong, Stanley H.  
Wright, Walter G.

FEBRUARY, 1961

Bailey, Dale A.  
Barnes, Charles A.  
Birrell, J. K.  
Cooke, Bradford D.  
Dick, William  
Dishaw, Harvey E.  
Fekete, Tibor  
Gateman, J. C.  
Goodmundson, John  
Korns, Edwin

Lunney, Russell I.  
Odasz, Francis B.  
Parker, Eric Ross  
Potter, Andrew E.  
Riley, W. D.  
Shepetys, Stanley  
Taciuk, William  
Wilson, George A.  
Zonda, Paul  
Zwickly, R. W.

MARCH, 1961

Barry, Edward J.  
Batt, Raymond A.  
Belliveau, Patrick H.  
Bentssn, Norman W.  
Bird, Stuart F.  
Blain, John H.  
Britton, James R.  
Brusset, Michael J.  
Bussard, Leonard G.  
Delves, Herbert T.  
Drysdale, Gerald E.  
Fisher, William E.  
Frederick, Arnold C.  
Garrison, Barney D., Jr.  
Klinck, Norman E.  
Knight, Joseph R.  
Koenig, Robert J.  
Last, Garfield J.  
MacIntosh, Roy M.

Mainland, Glenn G.  
Munro, Gordon L.  
Mulherin, James K. C.  
Munch, W. George  
Peddie, Robert W.  
Quan, David F.  
Scheidegger, Adrian E.  
Spaetgens, Harold C.  
Stromsmoe, Keith A.  
Swerdfeger, John H.  
Thomas, Clifford E.  
Toth, Arpad  
Totozollosy, Bela  
Umiker, Roland S.  
Walker, Edward L.  
Williams, Desmond  
Young, Philip G.  
Zelman, Maier I.  
Zowtiak, John

APRIL, 1961

Adderson, James N.  
Aitken, John A.  
Aufmuth, Raymond B.  
Babet, Fred H.  
Barratt, Herbert J.  
Bird, Robert A.  
Bryski, Mitchell M.  
Burton, Cecil D.  
Condy, Arnold A.  
Currie, Matthew M.  
Ebel, Walter W.  
Filan, Edward E.  
Frost, Norman E.  
Hall, Frederick T.  
Halvorson, William G.  
Howlett, William E.  
Jackson, Ronald R.  
Jones, Owen  
Keiyki, Mitchell S.

Kilik, Morris E.  
Kirst, William J.  
Lepine, Maurice  
Mahura, Donald M.  
Melnyk, John  
Parish, Ronald P.  
Pullin, Norman E.  
Raleigh, James T.  
Richards, David W.  
Siferd, John H.  
Simr, Celestin J.  
Smith, Glenn R.  
Smith, Michael A.  
Urbat, Heinz  
Ward, Dennis E.  
Wilson, Ernest F.  
Wilson, Owen J.  
Zandmer, S. Myron

OCTOBER, 1960

Akesode, Alade A.  
Babie, Theodore L.  
Butler, Michael E.  
Charters, John  
Davis, Arthur M.

Hyndman, Louis D.  
Jha, Birendra K.  
Kennedy, William H.  
LeGault, Leonard H.  
Lewis, James L.

Macdonald, Ronald C.  
O'Brien, Allan R.  
O'Sullivan, Emily  
Piasta, Edward  
Ross, Neil A.

Schumacher, Stanley S.  
Snychuk, Lawrence M.  
Tucker, William G.  
Wildeman, Lorne W.

### JANUARY, 1961

Ainsworth, George-Ann E.  
Aitken, Barbara Joan  
Anholt, Shirley Ione Hay  
Bates, Joan  
Beattie, Lesley Marjorie Rose  
Brooks, Donna Marie  
Brus, Gloria Marjorie  
Burgardt, Shirley Marie  
Casavant, Marie Helen  
Childs, Cecelia Lydia  
Christophers, Dorothy  
Couillard, Shirley A. L.  
Cunningham, Sharan  
Cushing, Joy Mae  
Damsgard, Frances Mae  
Denning, Catherine Corrigan  
Duggan, Audrey Frances  
Dunne, James  
Erickson, Shiron Joan Elaine  
Ewasiuk, Ivy  
Fisk, Joanne Elizabeth Draayer  
Friesen, Margaret Luise  
Gelety, Anne  
Girling, Doreen  
Goerzen, Maria  
Hall, Sharon Laureen  
Hanson, Arlene Hilora  
Hauck, Mona Jean  
Herter, Alfreda Gladys  
Hogg, Marjorie  
Hudz, Annie Sonia  
Johnston, Annabel Coghill  
Kellam, Penelope  
Keushnig, Barbara Trudy  
Kickam, Lloyd Ellen  
King, Martha Amy  
Krebes, Donna  
Kyle, Loretta Mavis  
Larson, Myrna Ann  
Leader, Charlotte Marie  
Leicht, Doreen Carol  
Lindsay, Rosella May  
Lloyd, Jean Marie  
Lucas, Margaret D.

### NURSING

Luhmert, Ingo  
Macdonald, Mary  
McEwan, Marjorie Anne  
McGlynn, Lucille Helen  
McTavish, Doris Noreen  
Marvin, Eva Margot  
Mathieson, Elizabeth Leitch  
Mayan, Esther P.  
Mercer, Arlene Rae  
Milne, Jean Kathleen  
Moen, Lois Ann  
Montgomery, Darlene M.  
Munro, Doris Pearl  
Nepstad, Cleo Patricia  
Osetsky, Shirlee Mae  
Osness, Delores  
Overman, Verda Maybelle  
Page, Mary Elizabeth Amy  
Pankow, Heide Maria  
Prins, Aafje Anje  
Pugh, Margaret Ethel  
Purin, Barbara Ruth Ann  
Quinn, Mildred Irene  
Roberts, Joyce Mary  
Smith, Shirley  
Solowoniuk, Helen  
Somers, Joyce Karen  
Speer, Faye Louise  
Stambaugh, Donna  
Stambaugh, Elaine  
Stokkan, Arlene Marie  
Szczurowski, Sophie  
Timanson, Helen  
Trochanowski, Katherine  
Turner, Corinne Olive  
Wells, Reta Patricia  
Williams, Magwen  
Wilmott, Carol Margaret  
Witherspoon, Marian Lovejoy  
Wright, Elaine Doreen  
Wright, Elaine Isabel  
Yaremkevich, Josie  
Ziebart, Carol Agatha  
Zilke, Ardit Ann

### NOVEMBER, 1960

Tucker, Lionel  
Hintz, Ernest Arthur

Siska, Margaret O. E.

### DECEMBER, 1960

McDonald, Robert Edward

### MARCH, 1961

Bogdanow, Erika B.  
Degnan, Harold L.

Hamm, Margaret O. B.  
Morrison, Joan W.

VETERINARY MEDICINE

AUGUST, 1960

Hogan, Robert H.

Hopf, Herman C.

NOVEMBER, 1960

Strother, Charles W.

Randlesome, Anthony

JANUARY, 1961

Ganchev, Boris S.

FEBRUARY, 1961

Bisschop, Gysbert H.

MARCH, 1961

Seawright, David







